

**REMARKS**

In the non-final Office Action mailed on July 27, 2006 (paper no. 5), the Examiner: objected to the specification because of informalities; objected to claim 20 because of informalities; rejected claims 1-7, 12-26, and 29-30 under 35 U.S.C. § 103(a) over Aman et al. (U.S. Patent Application No. 2003/0095186), Rowe et al. (U.S. Patent No. 6,914,599), and Kanbara et al. ("A Stereo Vision-based Mixed Reality System with Natural Feature Point Tracking"); rejected claim 10 under 35 U.S.C. § 103(a) over Aman et al., Rowe et al., Kanbara et al., and Gips et al. (U.S. Patent Application No. 2002/0039111); rejected claim 27 under 35 U.S.C. § 103(a) over Aman et al., Rowe et al., Kanbara et al., and Sukthankar et al. (U.S. Patent No. 6,618,076); rejected claim 31 under 35 U.S.C. § 103(a) over Aman et al., Rowe et al., and Gips et al.; and objected to claims 8, 9, 11, and 28 as each being dependent upon a rejected base claim. In this response, applicants amend the specification to correct typographical errors; amend claims 2, 13, 16-19, and 27-29; cancel claims 1, 20-26, 30, and 31; and present new claims 32-35 to more clearly identify the subject matter for which applicants seek protection. For the reasons discussed in detail below, applicants submit that all of the claims are now in condition for allowance.

The Examiner objected to the specification because of informalities. Applicants are grateful to the Examiner for his suggestions about how to overcome these informalities. Applicants herein amend the specification in accordance with these suggestions, and respectfully request that the Examiner reconsider and withdraw the objection to the specification.

The Examiner objected to claim 20 because of informalities. Applicants are grateful to the Examiner for his suggestions about how to overcome these informalities. Applicants herein amend claim 20 in accordance with these suggestions, and respectfully request that the Examiner reconsider and withdraw this claim objection.

The Examiner rejected the following claims under 35 U.S.C. § 103(a): 1-7, 10, 12-27, and 29-31. Applicants herein make claim amendments that obviate these rejections under 35 U.S.C. § 103(a) as follows: applicants have canceled claim 1; applicants have made claims 2-7 dependent upon allowable claim 8; applicants have made claim 10 dependent upon allowable claim 11; applicants have made claims 12, 13, and 16-19 dependent upon allowable claim 9, and claims 14 and 15 depend from claim 13; applicants have canceled claims 20-26; applicants have made claims 27 and 29 dependent upon allowable claim 28; and applicants have canceled claims 30 and 31. Accordingly, applicants respectfully request that the Examiner reconsider and withdraw the rejections under 35 U.S.C. § 103(a).

The Examiner objected to claims 8, 9, 11, and 28 for their dependence upon rejected claims 1 and 26. Applicants herein incorporate in each of claims 8, 9, and 11 the full contents of claim 1, and incorporate into claim 28 the full contents of claim 26. Accordingly, applicants respectfully request that the Examiner reconsider and withdraw this objection.

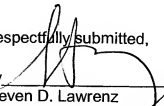
Applicants additionally present new claims 32-35, each of which is a computer-readable medium claim very similar to one of amended allowable claims 8, 9, 11, and 28. For this reason, applicants submit that new claims 32-35 are also allowable.

In view of the above amendment, applicants believe the pending application is in condition for allowance, and therefore solicits a prompt Notice of Allowance.

Please charge any deficiency in fees or credit any overpayment to our Deposit Account No. 50-0665, under Order No. 371818001US1 from which the undersigned is authorized to draw.

Dated: January 26, 2007

Respectfully submitted,

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